## BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

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IN THE MATTER OF TENTATIVE

DECISION TO APPROVE A LARGE MINING AND RECLAMATION PLAN

FOR UNICO INCORPORATED'S

DEER TRAIL MINE AND MILL,

PIUTE COUNTY, UTAH

NOTICE OF TENTATIVE

DECISION TO APPROVE

NO. M/031/003

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THE STATE OF UTAH TO ALL OPERATORS, TAKERS OF PRODUCTION, MINERAL AND ROYALTY OWNERS, AND PARTICULARLY ALL PERSONS INTERESTED IN SECTION 18, TOWNSHIP 28 SOUTH, RANGE 3 WEST; AND SECTIONS 11, 12 AND 13, TOWNSHIP 28 SOUTH, RANGE 4 WEST, SLBM, PIUTE COUNTY, UTAH.

Notice is hereby given by the Division of Oil, Gas and Mining of its tentative decision to approve the Large Mining Operations Notice of Intention for Unico Incorporated's Deer Trail Mine and Mill. Mining activities will affect the following areas: Portions of the NW1/4 of Section 18, Township 28 South, Range 3 West, SLBM; the NE1/4 of the SE1/4 and the SE1/4 of the SE1/4 of the NE1/4 of Section 11; the SW1/4 of the SW1/4 of the NW1/4, the SW1/4, and the S1/2 of the SW1/4 of the SE1/4 of Section 12; and the N1/2 of the NW1/4 of the NE1/4 of Section 13, Township 28 South, Range 4 West; SLBM, Piute County, Utah.

Unico, Incorporated has submitted a permit application to expand an existing small mining project to a large mining operation. Reclamation surety will be provided to the Division for the proposed project disturbance. The operator will employ the following mining and reclamation techniques on approximately 12.81 acres of federal (US Forest Service) and private land.

## **During Operations:**

Mining to be conducted underground via the PTH tunnel. Reprocessing of waste dump material from the Upper Deer Trail Mine will also occur. These materials will be transported to the Mill where the ores will be crushed and run through a floatation process to concentrate the ores. The final concentrate will be thickened and decanted of any moisture. The decanted concentrate will be bagged and shipped to be custom smelted by outside sources. All water will be recycled through the concentrating process, additional water coming from the freshwater make-up pond or decanted water from the surface of the tailings pond. Water from Cottonwood Creek will be used in the milling circuit. The total acres disturbed is 12.81 acres including ponds, dumps, mining and processing facilities. No additional waste material will be generated from the mining of the

PTH tunnel. The tailings will consist of ground limestone, dolomite, and quartzite with minor amounts of Pb and Zn and residual reagents used in the concentrating process. The tailings are stored in a HDPE lined pond approved by the Division of Water Quality. The mine also has an approved Air Quality permit.

**After Operations:** 

The PTH dump area will be regraded and six inches of soil will be placed on top of the regraded dump. The upper Deer Trail Dump will be contoured, scarified, and seeded with no soil added after the dumps have been processed. Any remaining screened dump material will receive 10 inches of soil. The fresh water pond area will be backfilled and covered with an additional two inches of soil. The mill area, including the tailings impoundment, will be regraded and receive 10 inches of soil. Soil to be used for reclamation will be obtained from the recent mud flows which occurred above the mine as a result of a heavy precipitation event in an area impacted by recent forest fires, which deposited a major amount of soil and organic matter at the Upper Deer Trail Area. At the end of operations, the tailings pond will be capped to the level of the dam. The capped tailings will be seeded with the prescribed seed mix. Presently there are no known drill holes on the surface as all drilling occurs underground, so no plugging is needed. All shafts will be covered with reinforced steel grates to allow for bat entry. All adits and tunnels will be closed with bat grating, except for No.2 Tunnel which will be pushed in and closed with the portal timbers and existing soils adjacent to the portal. Any debris, buildings etc. will be hauled away to a local landfill in Marysvale. No buildings, utilities, drainage structures, and impoundments will be left behind or unreclaimed. The cement in the mill building will be broken up and buried.

The person representing the company is Mr. Dan Proctor; Phone (801) 361-4242. Unico, Incorporated is fulfilling obligations under the Utah Mined Land Reclamation Act of 1975, Utah Code Ann. §40-8-18.

Any person or agency aggrieved by this tentative decision to issue approval is hereby requested to submit written protest within thirty (30) days of the date of publication to Mark Mesch, Acting Associate Director of Mining, Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, Box 145801, Salt Lake City, Utah 84114-5801, setting forth factual reasons for the complaint. If no responsive written protests are received by the Division within 30 days after the last date of publication, the tentative decision of the Division will be final.

DATED THIS 20th day of Occumber, 2004

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

Mary Ann Wright

Acting Director

## CERTIFICATE OF MAILING

I hereby certify that I caused a true and correct copy of the foregoing Notice of Tentative Decision to Approve the Large Mining Notice of Intention for Unico Incorporated's Deer Trail Mine and Mill project, M/031/003 to be sent via facsimile, electronic mail, or mailed by first class mail, postage prepaid, the 20 day of December, 2004 to:

FACSIMILE: 237-2776 and E-MAIL: naclegal@nacorp.com Salt Lake Tribune Advertising Department 116 Regent Street P.O. Box 45838 Salt Lake City, Utah 84145

FACSIMILE: (435) 896-8123 and E-MAIL: teresa@richfieldreaper.com The Richfield Reaper Legal Advertising 65 West Center Street P.O. Box 730 Richfield, Utah 84701-0730

CERTIFIED RETURN RECEIPT 7099 3400 0016 8896 1690 Dan Proctor Unico, Incorporated 951 East 830 South Pleasant Grove, Utah 84062

Stacie Gass Piute County Economic Development Box 99 Junction, Utah 84740

Steve Winslow United States Forest Service Beaver Ranger District P.O. Box E Beaver, Utah 84713 Michael Jackson Bureau of Land Management Richfield Field Office 150 East 900 North Richfield, Utah 84701

Crown Mines P.O. Box 743547 Dallas, Texas 75374-3547

Joelle Burns, Secretary

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